

**REMARKS**

Receipt of the Office Action of September 12, 2005 is gratefully acknowledged.

To place this application in better form for consideration on appeal, claims 2, 3, 4 and 8 have been cancelled and claims 1 and 6 amended to delete to alternative recitation that the signal produced by the signal processing unit is proportional to the flowrate and is now recited as being only proportional to the square of the flowrate.

This amendment should be entered as it significantly reduces the issues on appeal leaving for consideration the possible rejection of claims 1 and 6 over Vander Heyden, although from the examiner's comment on page 4 of the Office action of September 12, 2005, it appears that this rejection is also rendered moot.

Respectfully submitted,



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